On page 8, line 1 of claim 36, after "module", delete –is--;

On page 8, line 1 of claim 36, delete "moveable", insert –movable--;

On page 8, line 1 of claim 36, delete "with said reaction zone", insert –across the stationary substrate surface--;

In line 2 of claim 37, before "substrate", insert –stationary--;

In line 8 of claim 37, before "substrate", insert –stationary--;

In line 11 of claim 37, before "substrate", insert –stationary--;

In line 12 of claim 37, before "substrate", insert –stationary--;

In line 14 of claim 37, after "inside", insert –the reaction space defined within --;

In line 15 of claim 37, after "gas", insert –is movable across the stationary substrate surface--;

In line 2 of claim 38, before "substrate", insert –stationary--;

On page 10, line 7 of claim 38, before "substrate", insert –stationary--;

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On page 10, line 8 of claim 38, after "inside", insert –the reaction space defined within --;

On page 10, line 9 of claim 38, after "the", insert –stationary--;

On page 10, line 10+11 of claim 38, before "substrate", insert –stationary--;

In line 2 of claim 39, before "substrate", insert –stationary--;

In line 7 of claim 39, before "substrate", insert –stationary--;

In line 8 of claim 39, after "the", insert –reaction space defined within --;

Rev 7/20/07 In line ~~10~~ 9 of claim 39, before "substrate", insert –stationary--.

4. Claim 16 is cancelled.

Allowable Subject Matter

5. Claims 1-14, 17-20, 23-27, 29, 34-39 are allowed.

REASONS FOR ALLOWANCE

6. The following is an examiner's statement of reasons for allowance:

The prior art, either singly or in combinations, fails to anticipate or render obvious a scanning plasma reactor for exciting or ionizing reactant gases with UV radiation at a stationary substrate surface comprising: a reaction chamber; a vacuum chuck; a beam forming module for transforming UV radiation into a rectangular beam; a gas injection module; and a gas exhaust module located inside the reaction space defined within the chamber; and specifically wherein the gas injection module and the gas exhaust module are in close proximity to the rectangular beam, and the rectangular beam, gas injection module, and the gas exhaust module are movable across the stationary substrate surface.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."